Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:sssptaul55jjg
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
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NEWS LOGIN	Welcome Banner and News Items
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FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 26, 2001 (20011026/UP).

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	0.15

FILE 'CAPLUS' ENTERED AT 08:30:47 ON 29 OCT 2001

FILE COVERS 1947 - 29 Oct 2001 VOL 135 ISS 19
FILE LAST UPDATED: 28 Oct 2001 (20011028/ED)

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The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.


```
=> s chem?(l)barrier(l)fabric
       1964813 CHEM?
        148357 BARRIER
         39108 BARRIERS
        166761 BARRIER
                 (BARRIER OR BARRIERS)
         73199 FABRIC
         65410 FABRICS
         99191 FABRIC
                 (FABRIC OR FABRICS)
L1          53 CHEM?(L)BARRIER(L)FABRIC

=> s thermoplastic(l)polyolefin?(l)resin?
         76458 THERMOPLASTIC
         18927 THERMOPLASTICS
         82424 THERMOPLASTIC
                 (THERMOPLASTIC OR THERMOPLASTICS)
```

```
         67041 POLYOLEFIN?
        560009 RESIN?
L2        1832 THERMOPLASTIC(L)POLYOLEFIN?(L)RESIN?

=> s l1 and l2
L3           0 L1 AND L2

=> del 1-
1- IS NOT VALID HERE
The DELETE command is used to remove various items stored by the
system.

To delete a saved query, saved answer set, saved L-number list, SDI
request, batch request, mailing list, or user-defined cluster, format,
or search field, enter the name.  The name may include ?  for left,
right, or simultaneous left and right truncation.

Examples:

  DELETE BIO?/Q          - delete query names starting with BIO
  DELETE ?DRUG/A         - delete answer set names ending with DRUG
  DELETE ?ELEC?/L        - delete L-number lists containing ELEC
  DELETE ANTICOAG/S      - delete SDI request
  DELETE ENZYME/B        - delete batch request
  DELETE .MYCLUSTER      - delete user-defined cluster
  DELETE .MYFORMAT       - delete user-defined display format
  DELETE .MYFIELD        - delete user-defined search field
  DELETE NAMELIST MYLIST - delete mailing list

To delete an ordered document or an offline print, enter its
number.

Examples:

  DELETE P123001C        - delete print request
  DELETE D134002C        - delete document order request

To delete an individual L-number or range of L-numbers, enter the
L-number or L-number range.  You may also enter DELETE LAST followed
by a number, n, to delete the last n L-numbers.  RENUMBER or
NORENUMBER may also be explicitly specified to override the value of
SET RENUMBER.

Examples:

  DELETE L21             - delete a single L-number
  DELETE L3-L6           - delete a range of L-numbers
  DELETE LAST 4          - delete the last 4 L-numbers
  DELETE L33-            - delete L33 and any higher L-number
  DELETE -L55            - delete L55 and any lower L-number
  DELETE L2-L6 RENUMBER  - delete a range of L-numbers and
                           renumber remaining L-numbers
  DELETE RENUMBER        - renumber L-numbers after deletion of
                           intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined
items, or E-numbers can be deleted.

Examples:

  DELETE SAVED/Q - delete all saved queries
  DELETE SAVED/A - delete all saved answer sets
  DELETE SAVED/L - delete all saved L-number lists
  DELETE SAVED   - delete all saved queries, answer sets,
```

```
                    and L-number lists
  DELETE SAVED/S - delete all SDI requests
  DELETE SAVED/B - delete all batch requests
  DELETE CLUSTER - delete all user-defined clusters
  DELETE FORMAT  - delete all user-defined display formats
  DELETE FIELD   - delete all user-defined search fields
  DELETE SELECT  - delete all E-numbers
  DELETE HISTORY - delete all L-numbers and restart the
                   session at L1

To delete an entire multifile SDI request, enter DELETE and
the name of the request.  To delete a component from the
multifile SDI, enter DELETE and the name of the component.

=> del l1-
DELETE L1-L3? (Y)/N:y

=> s (puncture? or perforat?)(l)resistan?
          4343 PUNCTURE?
         22069 PERFORAT?
       1033589 RESISTAN?
L1        2057 (PUNCTURE? OR PERFORAT?)(L)RESISTAN?

=> s thermoplastic?(l)polyolefin?(l)resin
         82850 THERMOPLASTIC?
         67041 POLYOLEFIN?
        450412 RESIN
        301687 RESINS
        550367 RESIN
                 (RESIN OR RESINS)
L2        1830 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN

=> s thermoplastic?(l)polyolefin?(l)resin?
         82850 THERMOPLASTIC?
         67041 POLYOLEFIN?
        560009 RESIN?
L3        1832 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?

=> s l1 and l3
L4           1 L1 AND L3

=> d 1 bib, abs

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AN   1984:492968  CAPLUS
DN   101:92968
TI   Laminated transfer material
PA   Toppan Printing Co., Ltd., Japan
SO   Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   JP 59016777        A2   19840127       JP 1982-125998   19820720
AB   The title material has a release layer, pattern layer and adhesive layer
     successively formed on the thermoplastic layer side of a base
     sheet, which has a laminated layer of polyolefin resin
     on the other side; the adhesive sheet is composed mainly of (meth)acrylic
     ester (co)polymer, vinyl chloride (co)polymer, or their mixts.  The
     material is suitable for transferring patterned film on the surface of
     irregularly shaped material by heat and pressure, and has stable
     workability at elevated temps. and punctureless transfer, and
```

has blocking **resistance** in storage. Thus, a base sheet was prepd. by laminating 80-.mu. poly(vinyl chloride) [9002-86-2] film with 50-.mu. polypropylene [9003-07-0] film on its unprinted side, which was coated with a urethane **resin** anchoring agent. A cellulose acetate [9004-35-7] release layer and printed pattern layer were formed in this order on the base sheet, and an adhesive coating of Et methacrylate-Me methacrylate copolymer [25685-29-4] was applied. The transfer was carried out by heating and applying 3 kg/cm2 pressure, using partial vacuum, to obtain finely formed product with uniform film coating.

=> d it

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
IT Plastics, laminated
RL: USES (Uses)
(for thermal transfer of patterned film on irregular surfaces)
IT Plastics, film
RL: USES (Uses)
(laminates, thermal transfers, for patterned film on irregular surfaces)
IT Transfers
(thermal, laminated films, for patterned film on irregular surfaces)
IT 25685-29-4
RL: USES (Uses)
(adhesives, for laminated film, for thermal transfer of patterned film on irregular surfaces)
IT 9003-07-0
RL: USES (Uses)
(film, laminates with PVC and cellulose acetate films, for thermal transfer of patterned film on irregular surfaces)
IT 9004-35-7
RL: USES (Uses)
(film, laminates with PVC and polypropylene film, for thermal transfer of patterned film on irregular surfaces)
IT 9002-86-2
RL: USES (Uses)
(film, laminates with polypropylene and cellulose acetate film, thermal transfers, for patterned film on irregular surfaces)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.96	31.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.59	-0.59

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=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	31.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

```
                                                      ENTRY     SESSION
CA SUBSCRIBER PRICE                                    0.00       -0.59

FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001
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```
FILE COVERS 1947 - 29 Oct 2001  VOL 135 ISS 19
FILE LAST UPDATED: 28 Oct 2001  (20011028/ED)

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  substance identification.

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published in CA from 1947 to 1966.

The CA Lexicon is now available in the Controlled Term (/CT) field.
Enter HELP LEXICON for full details.
```



```
=> s (puncture or perforat?) and resist?
          3548 PUNCTURE
           390 PUNCTURES
          3847 PUNCTURE
                 (PUNCTURE OR PUNCTURES)
         22069 PERFORAT?
       1153357 RESIST?
L5        2492 (PUNCTURE OR PERFORAT?) AND RESIST?

=> s flex? or ((crack) and (resist?))
        141215 FLEX?
         82537 CRACK
         45727 CRACKS
        109392 CRACK
                 (CRACK OR CRACKS)
       1153357 RESIST?
L6       166943 FLEX? OR ((CRACK) AND (RESIST?))

=> s l5 and l6
L7          163 L5 AND L6

=> s thermoplast?
L8        83063 THERMOPLAST?

=> s polyolefin?
L9        67041 POLYOLEFIN?
```

```
=> s resin?
L10     560009 RESIN?

=> s l8 and l9 and l10
L11       3687 L8 AND L9 AND L10

=> d his

     (FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001)

     FILE 'STNGUIDE' ENTERED AT 08:28:37 ON 29 OCT 2001

     FILE 'CAPLUS' ENTERED AT 08:30:47 ON 29 OCT 2001
L1          2057 S (PUNCTURE? OR PERFORAT?)(L)RESISTAN?
L2          1830 S THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN
L3          1832 S THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?
L4             1 S L1 AND L3

     FILE 'STNGUIDE' ENTERED AT 08:40:13 ON 29 OCT 2001

     FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001
L5          2492 S (PUNCTURE OR PERFORAT?) AND RESIST?
L6        166943 S FLEX? OR ((CRACK) AND (RESIST?))
L7           163 S L5 AND L6
L8         83063 S THERMOPLAST?
L9         67041 S POLYOLEFIN?
L10       560009 S RESIN?
L11         3687 S L8 AND L9 AND L10

=> s l11 and l7
L12           2 L11 AND L7

=> d 1 bib,abs

L12  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2001 ACS
AN   2000:116938  CAPLUS
DN   132:155912
TI   Composite chemical barrier fabric with enhanced durability for protective
     clothing
IN   Carroll, Todd Robert
PA   USA
SO   PCT Int. Appl., 29 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   WO 2000007671     A1    20000217       WO 1998-US25021  19981123
         W:  AU, BR, CA, IL, JP, MX, NZ
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     AU 9915344        A1    20000228       AU 1999-15344    19981123
     EP 1044039        A1    20001018       EP 1998-959572   19981123
         R:  DE, FR, GB
PRAI WO 1998-US25021   W     19981123
AB   A flexible, heat sealable, composite chem. barrier fabric which
     exhibits enhanced durability is comprised of a multilayered chem. barrier
     material or fabric that has been coated on one or more sides with a layer
     of halogen-free thermoplastic olefin resin.  Fabrics
     having this structure show enhanced durability while maintaining a high
     degree of chem. resistance and heat sealability.  More
     specifically, composite fabrics are described (e.g., Responder, Responder
```

Plus) that show order of magnitude increases in durability including **flex crack resistance**, abrasion **resistance**, and **puncture resistance** as compared to un-coated fabrics.

RE.CNT 2
RE
(1) Langley; US 4855178 A 1989 CAPLUS
(2) Smith; US 5692935 A 1997 CAPLUS

=> d 2 bib,abs

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS
AN 1986:208530 CAPLUS
DN 104:208530
TI Packaging materials for photosensitive materials
IN Akao, Mutsuo
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60244533	A2	19851204	JP 1984-98805	19840518
	JP 05048171	B4	19930720		

AB A packaging material with high impact **resistance** and tear strength for a light-sensitive material contains a **thermoplastic resin** net (thickness 0.05-1.3 mm and degree of opening 80-99.9%) sandwiched between **thermoplastic flexible** sheets which are bonded together on .gtoreq.50% of the total area by an adhesive through meshes of the net and a layer of a 5-50-.mu. metal foil, 100-1200 .ANG. vacuum-deposited metal layer, or a film (contg. 0.1-15% light-shielding compd.) with static coeff. of friction (surface in contact with the contents) .ltoreq.0.466. Thus a laminate comprising (from outermost layer) 70-.mu. Ultzex 2020 L film contg. 5% carbon black, 20-.mu. polyethylene adhesive film, polypropylene net (6 .times. 6 strands/in., fiber diam. 420 .mu., mesh 4 .times. 4 mm, wt. 48.8 g/m2, and degree of opening 99%), and 20-.mu. biaxially oriented poly(ethylene terephthalate) exhibited impact **puncture** strength (JIS P 8134) 16.4-17.8 kg-cm, curling 1.3 cm after 24 h at 20.degree. and 65% relative humidity, and withstood tearing test (JIS P 8116) without breakage.

=>
=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	24.19	55.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.18	-1.77

STN INTERNATIONAL LOGOFF AT 08:54:46 ON 29 OCT 2001

=> D HIS

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=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL

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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001

=> file stnguide

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FULL ESTIMATED COST	0.15	0.15

```
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=> file caplus
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                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.00       0.15

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or storing of this information, without the prior written consent of
CAS, is strictly prohibited.

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  DELETE .MYCLUSTER      - delete user-defined cluster
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  DELETE .MYFIELD        - delete user-defined search field
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  DELETE -L55            - delete L55 and any lower L-number
  DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                          renumber remaining L-numbers
  DELETE RENUMBER        - renumber L-numbers after deletion of
                          intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined
items, or E-numbers can be deleted.

Examples:

  DELETE SAVED/Q - delete all saved queries
```

```
   DELETE SAVED/A - delete all saved answer sets
   DELETE SAVED/L - delete all saved L-number lists
   DELETE SAVED   - delete all saved queries, answer sets,
                    and L-number lists
   DELETE SAVED/S - delete all SDI requests
   DELETE SAVED/B - delete all batch requests
   DELETE CLUSTER - delete all user-defined clusters
   DELETE FORMAT  - delete all user-defined display formats
   DELETE FIELD   - delete all user-defined search fields
   DELETE SELECT  - delete all E-numbers
   DELETE HISTORY - delete all L-numbers and restart the
                    session at L1

To delete an entire multifile SDI request, enter DELETE and
the name of the request.  To delete a component from the
multifile SDI, enter DELETE and the name of the component.

=> del l1-
DELETE L1-L3? (Y)/N:y

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          4343 PUNCTURE?
         22069 PERFORAT?
       1033589 RESISTAN?
L1        2057 (PUNCTURE? OR PERFORAT?)(L)RESISTAN?

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        301687 RESINS
        550367 RESIN
                 (RESIN OR RESINS)
L2        1830 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN

=> s thermoplastic?(l)polyolefin?(l)resin?
         82850 THERMOPLASTIC?
         67041 POLYOLEFIN?
        560009 RESIN?
L3        1832 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?

=> s l1 and l3
L4           1 L1 AND L3

=> d 1 bib, abs

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2001 ACS
AN   1984:492968  CAPLUS
DN   101:92968
TI   Laminated transfer material
PA   Toppan Printing Co., Ltd., Japan
SO   Jpn. Kokai Tokkyo Koho, 5 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
     ---------------   ----  --------      ---------------  --------
PI   JP 59016777        A2   19840127      JP 1982-125998   19820720
AB   The title material has a release layer, pattern layer and adhesive layer
     successively formed on the thermoplastic layer side of a base
     sheet, which has a laminated layer of polyolefin resin
     on the other side; the adhesive sheet is composed mainly of (meth)acrylic
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ester (co)polymer, vinyl chloride (co)polymer, or their mixts. The material is suitable for transferring patterned film on the surface of irregularly shaped material by heat and pressure, and has stable workability at elevated temps. and **punctureless** transfer, and has blocking **resistance** in storage. Thus, a base sheet was prepd. by laminating 80-.mu. poly(vinyl chloride) [9002-86-2] film with 50-.mu. polypropylene [9003-07-0] film on its unprinted side, which was coated with a urethane **resin** anchoring agent. A cellulose acetate [9004-35-7] release layer and printed pattern layer were formed in this order on the base sheet, and an adhesive coating of Et methacrylate-Me methacrylate copolymer [25685-29-4] was applied. The transfer was carried out by heating and applying 3 kg/cm2 pressure, using partial vacuum, to obtain finely formed product with uniform film coating.

=> d it

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS
IT Plastics, laminated
RL: USES (Uses)
(for thermal transfer of patterned film on irregular surfaces)
IT Plastics, film
RL: USES (Uses)
(laminates, thermal transfers, for patterned film on irregular surfaces)
IT Transfers
(thermal, laminated films, for patterned film on irregular surfaces)
IT 25685-29-4
RL: USES (Uses)
(adhesives, for laminated film, for thermal transfer of patterned film on irregular surfaces)
IT 9003-07-0
RL: USES (Uses)
(film, laminates with PVC and cellulose acetate films, for thermal transfer of patterned film on irregular surfaces)
IT 9004-35-7
RL: USES (Uses)
(film, laminates with PVC and polypropylene film, for thermal transfer of patterned film on irregular surfaces)
IT 9002-86-2
RL: USES (Uses)
(film, laminates with polypropylene and cellulose acetate film, thermal transfers, for patterned film on irregular surfaces)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.96	31.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.59	-0.59

FILE 'STNGUIDE' ENTERED AT 08:40:13 ON 29 OCT 2001

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 26, 2001 (20011026/UP).

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	31.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.59

FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001
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FILE COVERS 1947 - 29 Oct 2001 VOL 135 ISS 19
FILE LAST UPDATED: 28 Oct 2001 (20011028/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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```
=> s (puncture or perforat?) and resist?
          3548 PUNCTURE
           390 PUNCTURES
          3847 PUNCTURE
                 (PUNCTURE OR PUNCTURES)
         22069 PERFORAT?
       1153357 RESIST?
L5        2492 (PUNCTURE OR PERFORAT?) AND RESIST?

=> s flex? or ((crack) and (resist?))
        141215 FLEX?
         82537 CRACK
         45727 CRACKS
        109392 CRACK
                 (CRACK OR CRACKS)
       1153357 RESIST?
L6      166943 FLEX? OR ((CRACK) AND (RESIST?))

=> s l5 and l6
L7          163 L5 AND L6
```

```
=> s thermoplast?
L8        83063 THERMOPLAST?

=> s polyolefin?
L9        67041 POLYOLEFIN?

=> s resin?
L10      560009 RESIN?

=> s l8 and l9 and l10
L11        3687 L8 AND L9 AND L10

=> d his

     (FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001)

     FILE 'STNGUIDE' ENTERED AT 08:28:37 ON 29 OCT 2001

     FILE 'CAPLUS' ENTERED AT 08:30:47 ON 29 OCT 2001
L1          2057 S (PUNCTURE? OR PERFORAT?)(L)RESISTAN?
L2          1830 S THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN
L3          1832 S THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?
L4             1 S L1 AND L3

     FILE 'STNGUIDE' ENTERED AT 08:40:13 ON 29 OCT 2001

     FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001
L5          2492 S (PUNCTURE OR PERFORAT?) AND RESIST?
L6        166943 S FLEX? OR ((CRACK) AND (RESIST?))
L7           163 S L5 AND L6
L8         83063 S THERMOPLAST?
L9         67041 S POLYOLEFIN?
L10       560009 S RESIN?
L11         3687 S L8 AND L9 AND L10

=> s l11 and l7
L12           2 L11 AND L7

=> d 1 bib,abs

L12  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2001 ACS
AN   2000:116938  CAPLUS
DN   132:155912
TI   Composite chemical barrier fabric with enhanced durability for protective
     clothing
IN   Carroll, Todd Robert
PA   USA
SO   PCT Int. Appl., 29 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE          APPLICATION NO.  DATE
     ---------------    ----  --------      ---------------  --------
PI   WO 2000007671      A1    20000217      WO 1998-US25021  19981123
         W:  AU, BR, CA, IL, JP, MX, NZ
         RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
             PT, SE
     AU 9915344         A1    20000228      AU 1999-15344    19981123
     EP 1044039         A1    20001018      EP 1998-959572   19981123
         R:  DE, FR, GB
PRAI WO 1998-US25021    W     19981123
```

AB A **flexible**, heat sealable, composite chem. barrier fabric which exhibits enhanced durability is comprised of a multilayered chem. barrier material or fabric that has been coated on one or more sides with a layer of halogen-free **thermoplastic** olefin **resin**. Fabrics having this structure show enhanced durability while maintaining a high degree of chem. **resistance** and heat sealability. More specifically, composite fabrics are described (e.g., Responder, Responder Plus) that show order of magnitude increases in durability including **flex crack resistance**, abrasion **resistance**, and **puncture resistance** as compared to un-coated fabrics.

RE.CNT 2
RE
(1) Langley; US 4855178 A 1989 CAPLUS
(2) Smith; US 5692935 A 1997 CAPLUS

=> d 2 bib,abs

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS
AN 1986:208530 CAPLUS
DN 104:208530
TI Packaging materials for photosensitive materials
IN Akao, Mutsuo
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60244533	A2	19851204	JP 1984-98805	19840518
	JP 05048171	B4	19930720		

AB A packaging material with high impact **resistance** and tear strength for a light-sensitive material contains a **thermoplastic resin** net (thickness 0.05-1.3 mm and degree of opening 80-99.9%) sandwiched between **thermoplastic flexible** sheets which are bonded together on .gtoreq.50% of the total area by an adhesive through meshes of the net and a layer of a 5-50-.mu. metal foil, 100-1200 .ANG. vacuum-deposited metal layer, or a film (contg. 0.1-15% light-shielding compd.) with static coeff. of friction (surface in contact with the contents) .ltoreq.0.466. Thus a laminate comprising (from outermost layer) 70-.mu. Ultzex 2020 L film contg. 5% carbon black, 20-.mu. polyethylene adhesive film, polypropylene net (6 .times. 6 strands/in., fiber diam. 420 .mu., mesh 4 .times. 4 mm, wt. 48.8 g/m2, and degree of opening 99%), and 20-.mu. biaxially oriented poly(ethylene terephthalate) exhibited impact **puncture** strength (JIS P 8134) 16.4-17.8 kg-cm, curling 1.3 cm after 24 h at 20.degree. and 65% relative humidity, and withstood tearing test (JIS P 8116) without breakage.

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=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	24.19	55.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.18	-1.77

STN INTERNATIONAL LOGOFF AT 08:54:46 ON 29 OCT 2001